

APS NOTES

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS NORTH LEG:
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS LAUREL BOWIE AT ANNAPOLIS."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS SOUTH LEG:
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS LAUREL BOWIE AT ANNAPOLIS."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS EAST LEG:
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS ANNAPOLIS AT LAUREL BOWIE."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS WEST LEG:
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS ANNAPOLIS AT LAUREL BOWIE."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.
6. ALL TRUNCATED DOMES (ON DETECTABLE WARNING SURFACES) ARE TO BE INSTALLED TO ALIGN WITH THE CROSSWALK.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL NEW CUT-THROUGH MEDIAN OPENINGS (STANDARD NO. MD 655.21).
- C. INSTALL FLAT AREA WITH DETECTABLE WARNING SURFACE MATERIAL (STANDARD NO. MD 655.40).
- D. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- E. INSTALL STANDARD TYPE A CATCH-UP CURB (STANDARD NO. MD 620.02).
- F. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- G. TIE NEW CURB TO EXISTING CURB AT JOINT.
- H. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- I. INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
- J. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH DECORATIVE BRICKS.
- K. REMOVE EXISTING CONCRETE PAD AND BACKFILL WITH SEED AND MULCH.
- L. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.
- M. REMOVE AND CUT BACK EXISTING MEDIAN NOSE AND INSTALL NEW TYPE 'A' ISOMETRIC-NOSE DOWN. (STANDARD NO. MD 645.01)

GEOMETRIC LEGEND



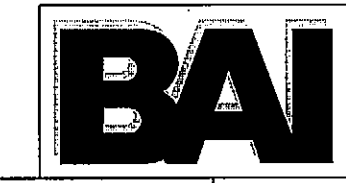
STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 450 AT MD 197
TRAFFIC SIGNAL MODIFICATION
BOWIE, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10', ADVERTISED DATE 05/2010, CONTRACT NO. XX4275185

DESIGNED BY		COUNTY	PRINCE GEORGE'S
DRAWN BY	X.M.	LOGMILE	16045011.360
CHECKED BY	J.B. <i>John B. ...</i>	TMS NO.	J733
F.A.P. NO.		TOD NO.	

TS NO.	4396A	DRAWING	—	OF		SHEET NO.	2	OF	3
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BY: xiaoyu